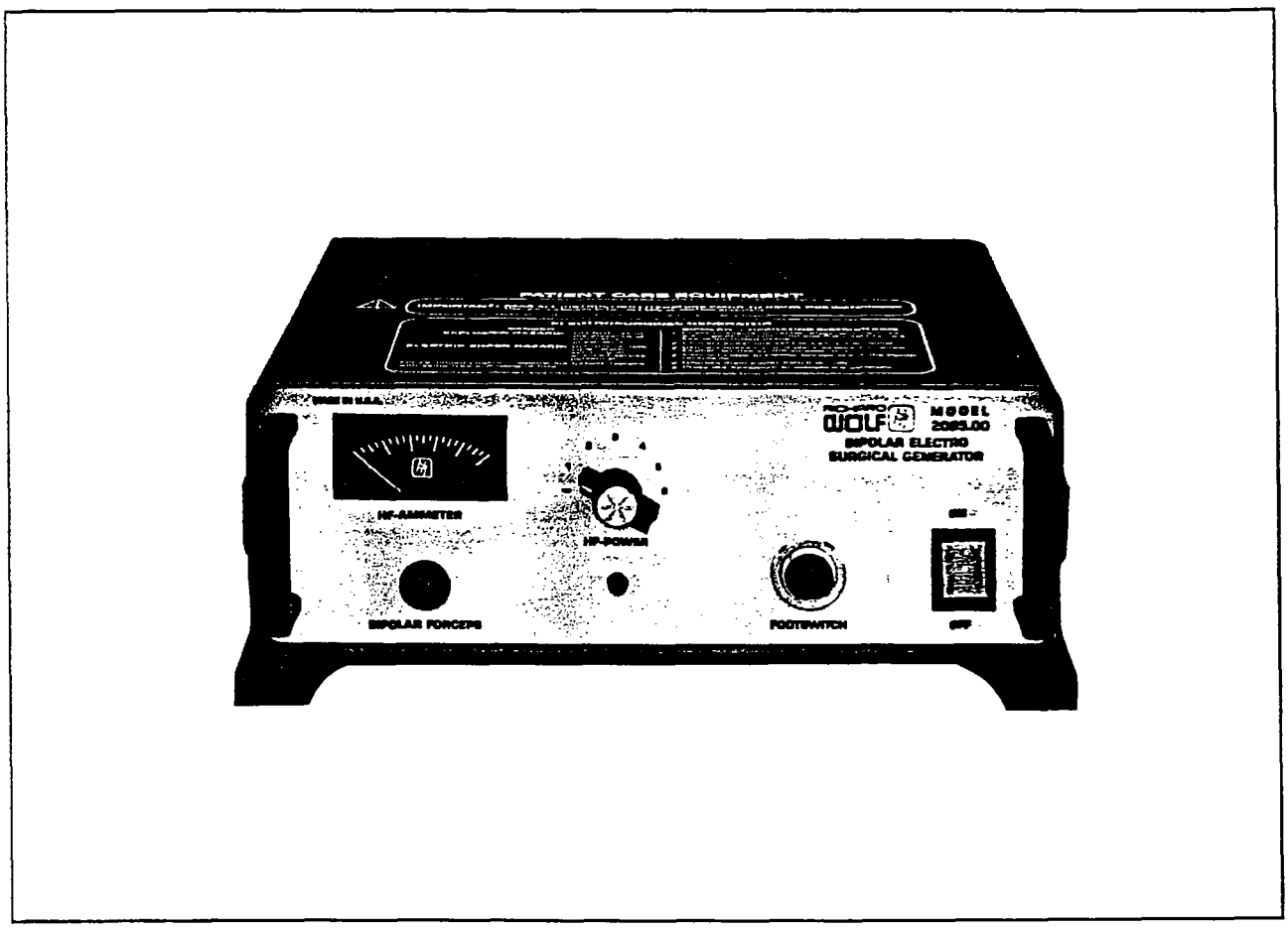
E64-07-87

RICHARD WOLF

MODEL E2085.00 SERIES



BIPOLAR ELECTROSURGICAL GENERATOR

OPERATION MANUAL

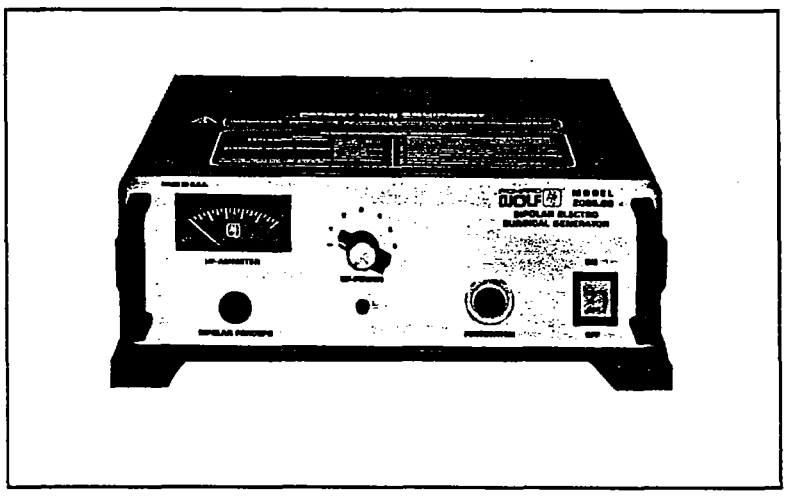
This instruction manual covers the functions of units E2085.00B (black faceplate) and E2085.00 (cream faceplate).

MODEL E2085.00
BIPOLAR ELECTROSURGICAL GENERATOR

TABLE OF CONTENTS PAGE

GENERAL DESCRIPTION	1
PRECAUTIONS	2
OPERATION	2
FUSE REPLACEMENT	4
WARRANTY AND CUSTOMER SERVICE	4
TROUBLESHOOTING	4
SPECIFICATIONS	5

GENERAL DESCRIPTION



The Richard Wolf Model E2085.00 is a mini-bipolar electrosurgical unit. An ammeter is incorporated into the E2085.00 to provide the surgeon with a visual indication of the progress of the operation.

Richard Wolf, as manufacturer and seller of these units, will not accept any liability for direct or consequential damage caused by incorrect use or operation of these units, especially if these instructions are not followed or the unit is subjected to incorrect care or service.

PRECAUTIONS

Always observe the following precautions when operating the E2085.00 Electrosurgical Generator:

- Carefully unpack the unit and visibly check to see if any damage occured during shipment.
- This unit was fully tested at the factory before shipment. As a precaution, it is recommended that the unit be tested prior to a surgical procedure.
- NEVER operate this unit in the presence of flammable anesthetics.
- NEVER remove the cover, because of electric shock hazard. Refer servicing to qualified personnel.
- For continued protection against fire hazard, always replace the blown fuse with the same type and rating.
- Do not use this unit without proper electrical ground.
- Do not block the ventilation vents.

OPERATION

This section provides a description of the features and modes of operation of the Model E2085.00 Bipolar Electrosurgical Generator.

POWER

The Power Switch (1) supplies current to the electrosurgical unit E2085.00. This switch should be turned on only when Bipolar current is required and only then after following the operating instructions.

OPERATING INSTRUCTIONS: BIPOLAR

WARNING

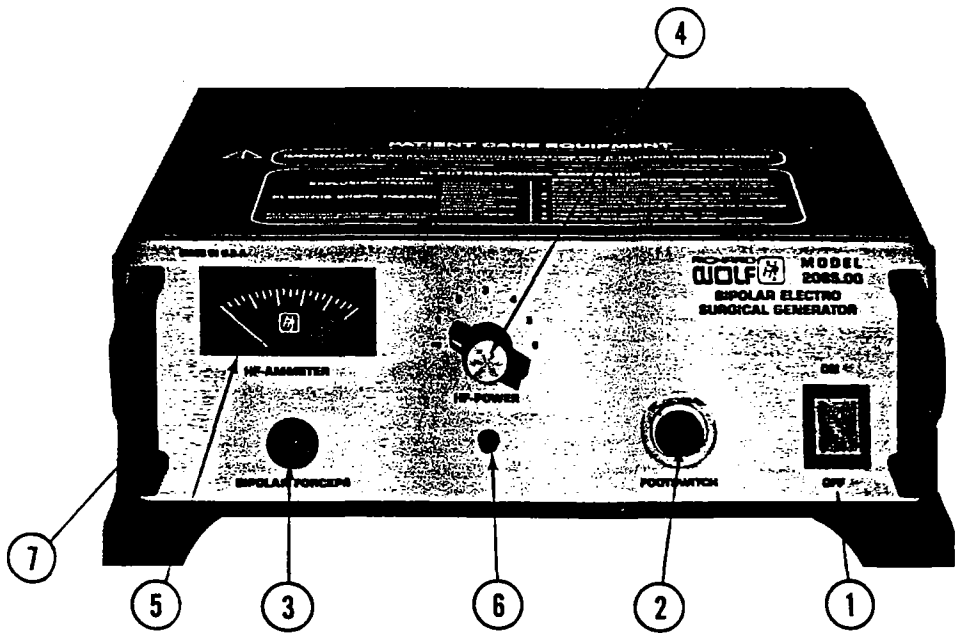
DO NOT MODIFY THE BIPOLAR CABLE IN ANY WAY. ANY MODIFICATIONS ARE DONE AT YOUR OWN RISK AND WILL VOID ALL WARRANTIES ON THIS CABLE AND ANY WOLF INSTRUMENTS USED WITH IT.

1. Make sure all cables are in good condition.
2. Make sure all connections are completely free of moisture.
3. Connect footswitch cable to Footswitch Receptacle (2). Place footswitch in proper position for operation (by surgeon only.)
4. Insert active Bipolar cable into the Bipolar Receptacle (3). Do not connect active cable to instruments until unit is ready to be used.
5. Depress the Power Switch (1).
6. Depress the footswitch when power is needed.
7. The Ammeter (5) provides the surgeon with a visual indication of the progress of his operation. Normal meter operation would show a decrease in current flow as the tubal ligation progresses.
8. The tone emitted by the unit and the illumination of the Bipolar Indicator Light (6), above the Bipolar Receptacle, indicates that the unit is functioning.

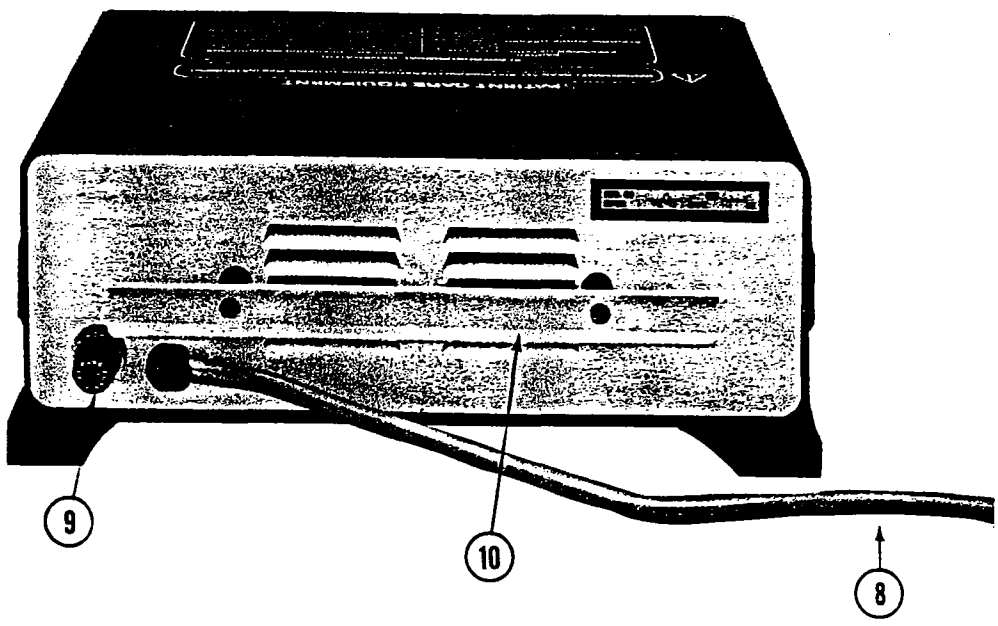
OPERATION

FIGURE 1. Model 2085.00 Bipolar Electrosurgical Generator

FRONT



BACK



1. POWER SWITCH
2. FOOTSWITCH RECEPTACLE
3. BIPOLAR RECEPTACLE
4. BIPOLAR CURRENT CONTROL
5. AMMETER
6. BIPOLAR INDICATOR LIGHT
7. BUMPER TRIM
8. LINE CORD
9. FUSE—3 A/250 V
10. HANDLE

FUSE REPLACEMENT

To replace the fuse, push the Fuseholder Cap (9) in and to the left. Replace a blown fuse with the same type of 3 A/250 V (9) fuse. Push Fuseholder Cap (9) in and turn to the right.

If trouble is encountered with the Model E2085.00, perform the procedures in the Troubleshooting Chart. If the problem persists, refer the unit to qualified personnel for servicing. For technical assistance, contact the Richard Wolf Customer Service Department.

WARRANTY AND CUSTOMER SERVICE

We unconditionally guarantee our instruments to be free from any defects in materials and workmanship under normal use and service. If repair becomes necessary, our policy is one of customer accommodation.

These instructions do not attempt to cover all details or variations in equipment, nor to provide for every possible contingency to be met in connection with installation, operation, or maintenance. Should further information be required or should problems arise which are not covered sufficiently for the purchaser's purpose, the matter should be referred to the Richard Wolf Medical Instruments Corp.

Our national sales and service offices, as well as our manufacturing facility, are located in Illinois. Trained manufacturer's representatives are located throughout the United States to serve you. For any questions regarding these instruments, or to place an order, contact the Richard Wolf Customer Service Department at the following numbers: In Illinois, (708) 913-1113;
Outside of Illinois, (800) 323-WOLF.

Instrument Ordering Policy

We reserve the right to make substitutions, if necessary, without prior notice.

Repair Policy

Defective merchandise will be repaired or replaced at no charge to the customer, provided the customer delivers such defective merchandise prepaid.

Any repairs, maintenance or servicing of our merchandise by anyone other than a factory authorized representative will render our warranty null and void.

When returning your instrument for repair, we suggest that you use the box it was originally shipped in, in order to prevent damage to the instrument in transit. We also recommend that the instrument be insured for an amount to cover the cost of replacement.

IMPORTANT

FOR GENERAL SAFETY AND HEALTH REASONS, WE REQUIRE THAT YOU CLEAN AND STERILIZE ALL INSTRUMENTS BEFORE RETURNING THEM FOR REPAIR. EFFECTIVE OCTOBER 1, 1990, IF INSTRUMENTS ARE RECEIVED IN AN UNSANITARY CONDITION, THEY WILL BE RETURNED IMMEDIATELY TO THEIR POINT OF ORIGIN, PREPAID.

TROUBLESHOOTING

PROBLEM	POSSIBLE SOLUTION
No Bipolar Output **No Indicator Light or Audible Tone**	Verify that the unit is connected to the AC power supply. Inspect line cord for visible damage. Check for blown 3A fuse. Check that footswitch plug is properly inserted and secured.
No Bipolar Output **Indicator Lamp Lights and Tone Sounds but No Power Output**	Check to ensure cables, plugs and insulation are in good condition. Check that cable between bipolar forceps and bipolar receptacle is properly inserted and secured. Check that instrument tips are free of encrusted tissue. Check that an adequate power setting is selected.

SPECIFICATIONS

PHYSICAL

Height	5.0 in.
Width	12.5 in.
Depth	12.0 in.
Weight	16 lbs.

ELECTRICAL

Power Supply	120 V AC. 60 Hz
Inside Fuse	2.5 A/250 V SLO-BLO
Outside Fuse	3 A/250 V
Cord Plug	Hospital Grade Hubbell
Line Cord	SJT 18/3-8ft. long
Bipolar Output	50 Watts
Maximum Power	200 Watts

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